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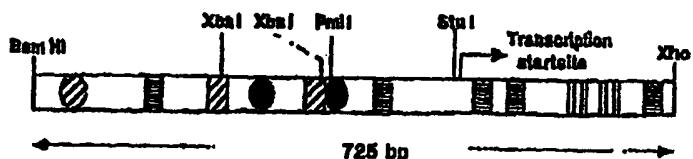
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(54) Title: **SMAD7 AND USES THEREOF**

(57) Abstract

The invention describes nucleic acids encoding the Smad7 protein, including fragments and biologically functional variants thereof. Also included are polypeptides and fragments thereof encoded by such nucleic acids, and antibodies relating thereto. Methods and products for using such nucleic acids and polypeptides also are provided.



Non-Smad Transcription factor binding sites

- SRY** Sex-determining region Y gene product
- HSF** Heat Shock Factor (*Drosophila*)
- USF** Upstream Stimulating Factor

Smad binding sequences

- "CAGA"** Sequences resembling the SBE element in the *JunB* promoter, were Smad3 and Smad4 has been reported to bind.
- GTCTAGAC** Palindromic sequence reported to bind Smad3 and Smad4.
- GCCGACGC** Consensus sequence for *Drosophila* Mad DNA binding.

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